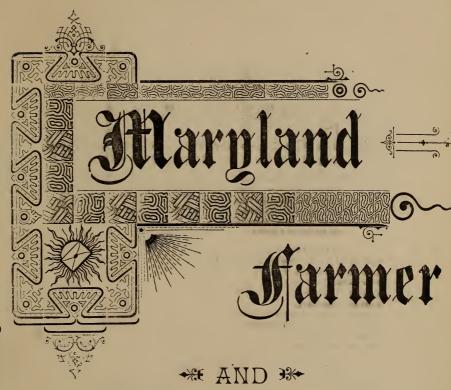
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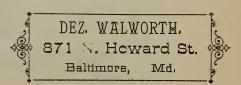
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# 39 REW FARM.

Vol. XXIX.

BALTIMORE, May 1892.

No. 5.

## DAYS OF CHILDHOOD.

In the artless days of childhood, when the sky was always blue,
And the prick of wayward briars was the only pain we knew;
Never butterfly a-winging could be ever half so gay,
We had such a sight of fun to keep us busy all the day.
When the first sweet song of gladness hailed the dawning summer time,
Thrilling hearts with expectation, wishing love a roseate prime,
We were out and round the garden in the early morning hours;
And we laughed to see the sunbeams stealing kisses from the flow'rs.

There was just a tiny rivulet that ran between the trees,
And it seemed forever laughing at the sunshine and the breeze;
Over it we built our bridges; on its surface sailed our ships,
And we always found it perfect for the cooling of the lips.
If we ever saw the minnows play at "hide and seek" therein,
We were sure to club together and go fishing with a pin.
Oh! the holy joy of innocence, so pure and undefiled;
There is ample food for wisdom in the pastimes of a child.

—The Pilot.

For The Maryland Farmer.

### OUR NEW FARM, XXXIII.

OUR FRUITS AND INSECTS.

Y DEAR WIFE seems to have an eye to everything and often says she believes she does, in her mind work, half that is done on the farm.

Indeed she does a great deal more hand work than I wish to have her

do; for her front lawn and flower beds are enough to occupy a good stout man, kept in order as she keeps them.

I have seen her and daughter pushing the lawn mower as they said, "just for fun," when I thought it would be more of a compliment to me if their "fun" was in something not so much like needed work.

But as I said, the good wife seems to see all there is to be seen about the farm. Besides she is always studying out something to improve things or to remedy some defect, or to overcome some troublesome pest on the place.

One day she came to me and said:

"The tent-caterpillars are in a good many trees in the orchard, and they should be killed now."

I'said:

"Yes, I must see that they are destroyed at once, or we will have no fruit."

They were now in very small bunches, the webs not larger than one's fist; but, if not attended to at once, I knew they would soon spread to encompass whole branches.

The days went by, the webs were over-

looked by me, till one morning right after breakfast the wife came out with a pole and a bunch of newspaper on the end of it and some matches.

"There," said she, "let's burn those nests before the worms get away."

So, having commenced the work, I went in this way all through the orchard and wherever we could find the slightest sign of a web we applied the torch. I followed this up for several days visiting every part of the farm in the early morning and burning the nests. After this thorough work, I found but little trouble for the balance of the season except where two or three had escaped our observation. These, however, were easily destroyed.

The beautiful appearance of our trees later in the season was a contrast with many other orchards in that section of the country, stripped by these caterpillars and on the road to destruction.

One year a great deal of our fruit dropped from the trees before it was fit to use, and every apple seemed to be worm eaten. It troubled us to know what to do. Spraying had not then become the fashion; but was just being discussed in the papers. I had felt prejudiced against the idea of using arsenic, and when I talked with wife and daughter they only strengthened my prejudice against it.

We gathered all these wind-falls and fed them to the hogs, hoping in that way to rid ourselves of the pest, but, it did not operate to as great advantage as we expected. No doubt it was of some benefit.

One day I was talking to James about this trouble with insects and he said:

"I have heard that the best thing to do is to fill the orchard with chickens."

I laughed at the idea as something of no account, and I said:

"I have been feeding all the fallen fruit to the hogs in years gone by; but this year they are worse than ever."

He then said:

"Well, I would try the chickens. If father had as many as you have, I should have him give it a trial."

This was before his marriage to daughter.

I asked him:

"How can I manage to get them to go to the orchard? There is no fence around it to keep them there and they wander where they choose now."

He said;

"Build a run from the chicken house right out to the middle of the orchard, and they will soon make the orchard their feeding ground."

After talking the matter over I concluded to do this. I sent Charley down to the swamp to get me a lot of hoop-poles and brush and I soon had a run such as we talked about. But I found the damage was done for that year, before the run was completed; although I think the chickens captured most of the worms as fast as they made their appearance during that Summer.

The next Spring I observed that the chickens were very content to make the orchard their foraging place. I was

surprised, too, to find that comparatively few worm eaten apples fell.

Now I do not know the reason of this; but my orchard has been remarkably free from insects from that day to the present. I have kept up the run to the very centre of the orchard, although it has been in my way when in a hurry very often, and although I have frequently threatened to pull it down because it was far from ornamental.

The only way that I can account for the freedom of the orchard is on the old theory that the mother insect has an instinctive knowledge that enemies are beneath these trees and so will not work on the young fruit. There may be some other reason that I know nothing about; but I do know that comparatively few of my apples are troubled now compared with the year before I built that run.

One day wife said to me:

"John, why don't you pull down those old brush fences and have Charley burn them up?—You have had them up there long enough to know it will pay to put up a run of wire net which will look decent."

This it was put me in mind of writing on this subject. I answered her;

"I think I will. Only I will build the wire fences first and pull down the brush fence afterwards. Two much wire net, I think, will make a very good chicken run, and four feet high will be all that is needed. I can have one or two movable panels in it also, so that I can cross it without always going around either end."

So we have decided to do this, and I shall, until something proves the contratry, consider that chickens in the orchard

frighten away insects that would destroy the fruit.

Chickens, however, cannot do all the work in the insect line. They will not touch the potato beetles which have been one of our greatest pests. I have heard that ducks will; but I doubt it. Then no one keeps enough ducks to do much good in a field of potatoes, anyway.

I have tried many things to prevent the loss of my potato crops. I do not like the idea of arsenic spraying, as I have said before, and especially on potato vines; for frequently the potatoes are exposed and I believe they will retain the arsenic, and the end who can tell?

I have tried among other things tobacco dust with good results. I suppose this is almost as bad a poison as arsenic; but it does not have so immediate an effect upon the potato. In fact, when washed in the soil it becomes a fertilizer and its virulence disappears.

The best remedy—at least the most satisfactory one—has been tin buckets and small wooden paddles in the hands of Charley's children. They would pass slowly down the rows and with a slight stroke of the paddle knock the beetles into the bucket. At the end of each row they would be destroyed.

This would hardly answer for very extensive fields, but for an acre or two, as with us, it served the purpose admirably.

I had a talk with wife and daughter one day on this general subject. Daughter said:

"I don't see what these insects were made for. I didn't know before what a great pest they were to farmers."

Then mother said:

"Farmers have a great deal to contend with. At one time it will be continued wet weather and heavy storms, and at another long dry spells and heat till everything is destroyed. If not these, scarcely a thing that grows but must be protected from insect enemies. The grass-hoppers when coming in force eat everything in their path, or the army worm, or locusts."

Then I said:

"Yes. Farmers have their trials and difficulties to contend with. But I guess they are only enough to keep them from getting so lazy that they would lose their manliness."

Then daughter said:

"Farming is getting to be lazy work, anyhow. There is Charley goes riding down to the field to cut the hay—that aint much work. I could do that myself. Then he's got a sulky plow, and a horse rake, and even can ride when he harrows, or rolls the ground, or sows his seeds."

I said:

"A great many improvements have come in, during the past few years, to lighten the work on the farm. But the insect pests seem to be far greater than ever before. This perhaps is to keep the farmers from becoming lazy."

Then mother remarked:

"Woman's work on the farm does not grow much lighter. The improvements seem to be all for the men and out in the fields. Here in the house the work goes on about the same as it did fifty years ago."

Then daughter said:

"The men get through with their work so easy they don't seem to think that our work is hard at all. I wish

some one would invent something so that we could sit in a rocking chair, and drive about the room, and have everything all cleaned up and in order, without any work on our part."

This caused considerable good natured

laughter, and I remarked:

"On the farm we all find plenty of work to keep us busy. It is by mutual help that life becomes a joy. When the time comes that we all look forward to in the hereafter, of a blissful existence, I think life on the farm will stand out in our experience as the true type of an achieved happiness belonging to the reality of heaven."

Wife and daughter both looked at me earnestly after this speech, and wife said:

"That may be all very well, and I think the farm life is the best one for mind and heart that we can have here; but I would not object to a few more household inventions looking in the direction of what daughter meant."

Then I said:

"These will come. Every day now new inventions may be expected; and until they do come, we must endeavor to take from the women all the hardest labor of the house; or at least share them with her 'till she will feel that her life has lost the bitterness of toil and has become full of the joy of mutual and loving labor."

(To be continued.)

#### Pumpkins and Melons.

The best way to raise pumpkins, is to raise them in the corn field; but have them in a row without any corn in the pumpkin row.

It is bad business scattering pumpkin

seed all about among the corn, the vines are in the way of plowing; and they are too much shaded.

Have an occasional row left purposely for pumpkins, and by so doing there will be more space for the rank corn to have air, and there will be a chance for an abundance of pumpkins also; especially if there is some manure used. The same for melons.

Now this plan has been often tried, and is as good as any plan. Pumpkins are not only good for the hogs and cattle, &c., but they are very good for custards and pies, during winter, at Christmas.

#### Bean Poles.

The time is near at hand when the beans must be poled, if succotash is in order. And what shall be used? A few years ago I devised this plan:

Take 3 good laths,—those we call tobacco lath are the best—nail the top ends together with a wire nail with flat head.

Each one of these tripods is good for every two hills of beans. The wind will not blow them down, and if put in a dry place in the fall they will last for two or three years.

The beans would like to climb higher of course, but that is not necessary. I know when a boy hunting up beanpoles was no pleasurable job, so try this plan.

By general acceptation, four per cent of butter fat in milk is considered to be the standard. In Wisconsin, however, the minimum standard of fat is fixed by law at three per cent. Two per cent milk is heavier than six or eight per cent milk. For The Maryland Farmer.

#### WHAT SHALL I EAT?

BY DR. CRACE-CALVERT.

HIS is one of those questions every one is bound to ask sometime between the cradle and the grave.

What shall I eat?

I don't think it necessary to go into dietetic particulars. Most doctors think it a duty to lay down rules on this subject; but I think most of these rules for people who are not sick are humbugs.

A well person should eat whatever rational food he may want, if he or she is able to get it honestly. If not well, that is of course quite another thing. But to be constantly in fear that this thing or that thing will destroy health sometime in the future is the greatest nonsense. Food and its effects are for the most part transient, and if any troubles occur from eating, they generally show themselves within a short time.

The gastric agencies act rapidly and a few hours serve to digest almost anything which a healthy person may eat.

If a person is not healthy care is of course a necessity. He then should eat such things as are in harmony with his digestive powers. His own sense should tell him this and his own experience should tell him what things do not and what things do distress him.

It is not necessary to run to the doctor about these matters, as if he could tell you whether to eat lobster or oatmeal, boiled eggs or fried shad, when your own stomach is the umpire.

There is a monstrous amount of humbug about the doctor's rules for dieting

—Just because doctors think the people want this kind of direction.

Eat what is naturally at hand during the different seasons of the year and you will generally be all right. In the Spring greens are a luxury and we crave them and they are just what everyone needs. Don't be afraid of them; but take them, cooked or as salads. They seem to meet a want in our bodily organism which nothing else can meet.

I often am forced to smile when I see a well developed, strong, healthy man, with anxiety strongly expressed in his countenance, whose food has never disturbed him, asking: "Doctor, had I better eat roast mutton, or fried parsnips, or baked onions, or veal cutlets?"

Now, all this about eating depends of course primarily upon ones health. Then it depends upon ones habits of life. Then it depends largely upon ones imagination. And in this last lies a vast apology for dietetic rules.

I want your readers to understand that imagination has a vast amount to do with the sanitary condition of most folks. The use of bread pills by doctors is not a myth; but it is a reality, a necessary resort to counteract the force of imagination, when nothing whatever is the matter with the patient, except some strange fancied ill.

A good rule is to eat when you are hungry, and of such food as will satisfy your hunger, and be a source of gratification to you. Don't stuff; and don't stop before your hunger is appeased. This for those who are well, strong and blest with a reasonable appetite.

If you are not well, light foods and easily digested should of course be chosen; but the appetite should be always

starve yourself when nature asks for or fall. food.

A little common sense should be used in this matter, and you will not go far wrong even if you are miles away from any doctor.

consulted. Don't force yourself to eat one coming into full bearing as the other when not inclined that way, and don't is going out. Plants can be set in spring

#### Canada Thistles.

The bill against Canada thistles in Garrett county, which has been approved by the Governor, provides as follows:



RASPBERRIES.

#### Raspberries.

Five or six years is the average term of duration of raspberry plantations; if retained longer, the fruit is small and but little of it. As it takes a year or two for the plants to reach their best bearing condition it is well to make a new plantation every third year, and thus have two plots,

"No land-owner or tenant of land in Garrett county shall permit any 'Canada thistles' to grow to seed upon the land owned or rented by him, as the case may If any such land-owner or tenant shall permit any Canada thistles to so grow to seed on the land owned or rented by him he shall be fined a sum of not less than \$1 or more than \$5 for every day he shall permit the same to remain standing on his land after the same shall have so developed or grown as to bear seed. No road supervisor shall permit Canada thistles to grow to seed upon any land belonging in Garrett county, under penalty of similar fine."

For the Maryland Farmer.

#### HORSES IN THE PASTURE.

If you want one of your horses from your pasture, how pleasant it is to be able to go to the gate, call it by name, and have it come at once willingly to receive the halter or bridle. It only requires a little kindness to secure this. But if you turn it into the pasture with a shout and a kick, the horse will never respond to your call. The hired man who does this, and we know of several who do it, should himself be kicked till he learns better.

#### Making Sugar From Sorghum By the Use of Alcohol.

It is reported that the new process of making sugar from sorghum by the use of alcohol, recently recommended by Secretary Rusk, has been put into very successful operation at Hanover, Ind., by a number of the leading cane growers, and bids fair to entirely supersede the old method.

The process consists in mixing a certain proportion of alcohol with the syrup, and it produces a sugar nearly pure white, testing over 90 degrees. It is also asserted that the alcoholic process yields an average of 200 pounds of sugar to the

ton of cane, an amount double that obtained by the old process.—St. Louis Journal of Agriculture.

For The Maryland Farmer.

#### LEARNING SOMETHING.

Nothing is more important than that I should learn something every season; for it is certain that no one knows everything that he or his family wants on the farm until he experiences it.

The first that I find I want is something green early in the spring. Almost as soon as the frost gets out of the ground, my wife and children and I myself also go prowling around for something green to cook or to eat as salad—Poke sprouts in the one case or water cress in the other being very attractive.

From this I learn the value not only of a hot bed; but of growing two very desirable vegetables: Asparagus and Rhubarb.

It is all nonsense to say that it is just as well to go without these things. Nature demands something green in the early spring and we all hanker after it. Grow Lettuce in the hot bed of course, but that will be only the beginning. Think of the following facts:

Two square rods of Asparagus beds will supply a large family. It can be grown with comparatively little labor and will last many years, If properly attended to in the fall and spring, it will be a delight to the eyes of the whole family. If it is properly cooked, it will rival anything in the way of greens which can be produced and will be pronounced "delicious" by every member who sits at table. And it does not pall upon the appetite.

As for Rhubarb—this supplies the acid which we crave in the spring before any fruit can be had except at very ruinous prices. With a little forcing by the use of an old barrel and fresh horse manure, the barrel being covered on frosty nights, it can be had very early! and and when thus grown it is at its very best estate, and no sauce its superior. With granulated sugar at 4½ cents a pound "pie plant" can be afforded as a relish at every meal if we are so inclined.

I would commend these thoughts to your readers now, that they may provide these things for the years to come.

E.

#### The Calla Bulb as a Food.

We are to have a new article of food in the United States. It is the bulbs of the calla, commonly known as the calla lily. The flower of this plant is beautiful enough to give it a reason for being without anything else, but its bulbous roots are very edible, and the plant will grow in the open ground in the southern part of the Union. Florida farmers are already planting it by the acre. It propagates itself in great abundance.

The edible tuber must first be boiled to rid it of the acid, Indian turnip taste that burns the tongue when the root is raw. After being thus boiled the tuber may be fried, roasted or hashed with cream. It is entirely palatable and tastes somewhat like a potato, except that it is more mucilaginous.

Time was when the tomato was grown solely for ornament. Will a like fate overtake the beautiful and stately calla? In swamps is where the calla most delights to grow.—Florida Mirror.

#### A Soiling Experiment.

Director Wilson, of the Iowa Experiment Station in Bulletin 15, gives the following facts and indications deduced from a careful experiment conducted at that station last summer:

That the average cow will eat about seventy-five pounds of green feed a day, kept in the stable with grain ration added.

That cows fed on oats and peas, clover and corn, fed green in the stable, in midsummer, well give more milk than when feeding on a good blue grass pasture.

That a cow fed on green feed in a stable, darkened and ventilated, will gain in weight more than she will in a wellshaded pasture.

That the cow responds as promptly to a well-balanced ration of grain while eating green as she does on dry feed.

An acre of peas cut green weighed 13.5 tons.

An acre of peas and oats cut green weighed 24 tons.

An acre of corn cut green weighed 33.6 tons.

The second cut of clover in a drouth was 3.1 tons.

It is not necessary to cut green feed oftener than twice a week, if it is spread to avoid heating.

#### Cabbage Worm Flies-Catch'em.

I will tell how to keep cabbage and tobacco worms out of the garden:

Set a post in the center of the garden three or four feet high, take a common tin baking pan sixteen or twenty inches in diameter, three inches deep. Put one inch of water in the pan, to which add



one pint of lamp oil, and set it on the post.

Take a lamp that will burn a large wick without chimney. Set in the pan at seven o'clock, light the lamp, and let it burn till eleven; and if commenced in time to get the fly before the eggs are laid you will have no cabbage worms.

#### Training Shrubs.

The best among deciduous shrubs to trim is the common Snowball. It induces so thick a growth as to put every blossom on its circumference.

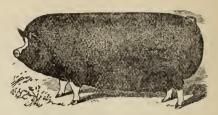
A good specimen is before me on the lawn—10 feet in diameter, 15 feet high, circular in shape, dome-like top, full of flowers, from the clover at its root, to its crest.

It was a strong, straggling bush ten years ago. We stuck a straight pole down through its center into the soil, and cut every branch back to within 3 feet of the pole. As the sides thickened up, we kept trimming off all surplus growth.

A shrub of Hydrangea grandiflora is trimmed pine-apple shape, and it is truly a grand flower but in form and size, much inferior to Snowball with us.

#### Cornstalks.

Cornstalks have much less sweetness in them before they blossom, or tassel, as it is usually called. Analysis shows this, and the cow, given her choice of two, usually confirms the verdict of chemical science. The stalks improve until the ears are fully formed, or begin to harden.

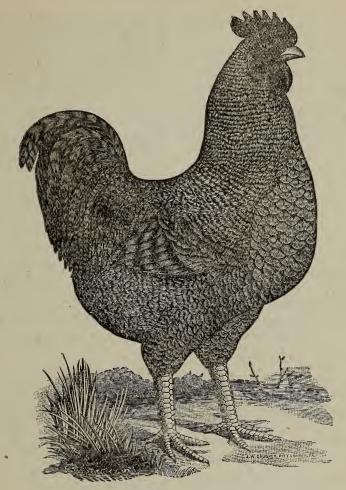


Care of the Sow.

During the period that the sow is in preparation and for ten to fourteen days after farrowing she should have no corn or little fat producing food of any kind, but millstuff in form of slop, and after farrowing until strength and vigor returns, this should be sparing and fed only warm.

Some do not feed at all on the day pigs are farrowed, but my manner is to allow the mother to advise as to her necessities. If she remains quiet in her nest all of the time, I would not call her forth to feed her, but if, as they usually will if successful at this time, the sow leaves her young and is looking about for something, give her at once a warm bran mash with a little oil cake scalded in and she will at once return to the care of her young, contented and strengthened.

A good feed for just before and after farrowing when no corn is fed, is equal parts of bran and shorts with an eighth ground oil cake soaked twelve to twenty-four hours previous to feeding, in milk, if it can be had, if not, in slop from the kitchen or clear water with a little salt added as you would to suit your own taste, but never when a sow is weak allow her to eat buttermilk unless greatly diluted and mixed with other food, as many a man has killed a promising mother, litter and all, by a clear feed of rich buttermilk while sow was still weak and pigs tender.



PLYMOUTH ROCK,

#### The Egg Type.

weeks ago who keeps seventy-five or eighty fowls, as much for amusement as anything, as he is too old to go into the field to do hard work.

He said his fowls were not laying very well as he was only getting fifteen to twenty eggs a day.

On looking over his flock we pointed We visited an eldery farmer a few out here and there one that was in robust health and manifestly laying vigorously and others that were as manifestly "off duty" and eating their heads off.

> He acknowledged that some were two or three or even four years old. How foolish to feed seventy-five or eighty fowls, half of them two or three or even

more years old, when thirty-five or forty were doing all the laying!

We told him he would be dollars in pocket if he would cull out and sell to the butchers the unproductive birds, reserving the vigorous, active, productive ones, and would get as many, probably more, eggs with half the labor and grain.

We pointed out to him the birds "built for laying," that were of the "egg type," and suggested that if he would select eight or ten of those birds to breed from and mate them with a strong, vigorous male, he would raise some egg-laying stock which would pay handsomely for his care and feeding.

He told us he knew of a "stunning" Plymouth Rock rooster he could buy at a reasonable price, that "bossed" everything on his owner's farm, even the dog, and the owner had threatened to kill him because he was "so tarnation ugly" to the other cocks.

"That's the bird to get," we said.
"He's just the bird for a breeder." How
short sighted in the owner to sell him,
however. If he "bosses everything" he's
got the vigor to throw good chicks, and
is the last bird that should be sold; sell
or eat the others and keep him.

"It is the young animals that pay," says M. Cheever. "Every poultry keeper knows that the rate of mortality is much greater in hens two years old or over than in those not over eighteen months. In all animals age and disease go together."

Some poultrymen and almost all farmers haven't learned that important lesson yet. When they have learned it and turn off all their year-old laying stock in the summer or early fall when it is fourteen to eighteen months old, replacing it with pullets bred from early-lay-

ing and prolific-laying stock, the egg yield will be doubled and the profit quadrupled.

All the increased yield will be clear profit, it costing no more to care for and feed a fowl that lays 175 to 200 eggs before she is eighteen months old than one that only lays seventy five to 100.

Select the good layers to breed from. How many farmers know whether their breeding fowls are good layers or not? How many pick out the early laying and prolific laying pullets to mate with the vigorous and prepotent male that whips everything else in the barnyard, who is "cock of the walk," to breed from? By doing so and having a separate pen for the breeding birds the whole character of the flock could be lifted in one generation and the egg yield doubled.— N. E. Farmer.

#### The Incubator.

The man who intends to make a fortune from an incubator the first year is doomed to disappointment. Considering all the time, vexations and expense necessary to manage one, I think a poultry raiser will do well if he comes out whole the first year. Experience must be gained and then the incubator may pay.

#### Ways with the Gapeworm.

An even dozen poultry-culturists have at my request written me accounts of their wrestlings with the wily and tenacious gapeworms.

One woman actually "stripped a feather," dipped it in glycerine and carbolic acid, and "twisted it around" in the

windpipes of ninety-three gaping chickens. Eighty-nine of the ninety-three survived the treatment, but she declares in italics that she would not again go through that performance on ninety-three chickens for a cent less than \$10.

Another woman tried clearing out the windpipe by means of looped horsehair, but she grew "tired" after she had operated on seven, chucked the rest in a big box, and "limed" them. The treatment was a success.

Five others also tried the lime cure and cured every chick so treated.

Two more cured their chicks by rubbing kerosene on the outside of the throat, and giving kerosene internally. One of those gave each chick a few drops of clear kerosene; the others mixed kerosene with cornmeal, made the dough into pellets and forced two or three of them down each chick twice a day for two days.

The others used turpentine successfully, rubbing it on the throat outside, and giving a little with the food. I also notice that "Joyce" has been successful in curing gapes in chickens and turkeys by using turpentine.—Prairie Farmer.

#### Lime water and worms.

It should be understood that lime-water will not injure plants. And by lime water is meant water containing all the lime it will hold in solution.

After slacking lime in water it is allowed to settle, and then the clear liquid is poured off. This is lime water. The soil of a plant can be saturated with it by pouring it on, or by immersing the pot in it for a time. This operation will

destroy earth worms, or compel them to escape.

For the Maryland Farmer.

#### ITEMS TO BE REMEMBERED.

The time has gone by when the farmer can profitably sneer at books and reading. Although much of the pretended science of school Agriculture is a humbug, reading of the ways and experiences of others is the basis of improvement and success.

\* \*

We hear occasionally from scientific theorizers that barn yard manure is not a complete fertilizer. This may be all right; nevertheless, don't fail to get all you can of it and don't be afraid to let your land have all you can get of it.

\*\_\*

The farmer should control market prices for his products just as the manufacturer controls it for his products. Study how to do it. Meet, talk of it, and unite with others to enforce it. It can be done with a little management.

\* \*

Don't be fooled by politicians. It is useless to say you want some law passed in your behalf, when something will be tagged on it which will make the remedy worse than the disease.

\* \*

We want just taxes. If I own half of the farm on which I live, and some one else the other half, I don't want to pay taxes on the whole of it and the other pay nothing. I don't think the man who is worth five millions should pay on only a few thousands, and the farmer worth a thousand should pay on five thousand.

\* \*

As the season advances do not forget to make provision for permanent crops, from which you may secure a reasonable amount of income. With very little trouble Rhubarb may be made a permanent crop and grow better every year, or Asparagus may give you a good income for twenty or more years.

\* \*

Don't worry over the condition of your farm. If it does not satisfy you, go to work and improve it until it will satisfy you. The great source of good luck is in faithful and intelligent labor. You have that. Put it on your farm and see how everything will grow and prosper there.

\* \*

Now that the winter evenings are gone, let the neighborly meetings be whenever a liesure day may be available. And it is not wrong to talk over farm matters and improved methods after the Sunday services. To grow better posted, and to farm better, and to live more comfortably and happier is quite as important as worship, and they should go together.

\*\*\*

Cultivating, enriching and copying a few acres is much better than skinning a very large surface of poor soil. You know this. Is it not time that you reduced your knowledge to practice?

\* \*

Is horse racing the best method of securing a paying Agricultural Fair? This is a question to be weighed very seriously. Racing in itself is not perhaps

hurtful to the animals; for trained horses would race as naturally as they would sleep and generally with as little mjury to themselves. But who will measure the effect of the gambling, the betting, and the underhand cheatings that accompany the races?

\* \*

Don't hunger continually for more land. Try and give to your family additional comforts if you have money to spare. Putting your means into land when you have not developed your own farm to one tenth of its capacity is no compliment to your mind or heart. Making home the happiest place on earth would be the brightest jewel in your crown to day and forever.

\* \*

The season of spraying with insecticides is at hand. A vast number of insects are the farmer's friends. Learn when to spray. Don't kill the bees. A general destruction of insects is far from being a desirable thing. Devoting both friends and foes to a common ruin is bad policy, even when only insects are the ones destroyed.

\* \*

Look after little things. Don't neglect the large and important matters. But, we have noticed that the most successful men in all pursuits have been those who looked after the smallest details of their business. Neglect of these leads to confusion in all directions and to very serious loss.

\* \*

A word of praise goes far to make all around us cheerful and happy. You may think you do not care for it; but we

have yet to find the first mortal who was indifferent to it. In your home to wife, son or daughter it will be a source of happiness and contentment. No one can afford to neglect it.

\* \*

Drainage costing only a little labor, will often add hundreds of dollars to a farm. The "New Agriculture," where lands were trenched to several feet in depth and then provided with subterranean water ways, demonstrated the value of thorough drainage in deepening and enriching the soil.

For the Maryland Farmer.

#### HISTORICAL.

Leaving Salisbury on the fine Steamer, Enoch Pratt, of the Maryland Steamboat Co., we pass on the left bank of the Wicomico one mile from Salisbury the old Winder Mansion—a quaint old building, one hundred and thirty years old, in which Gen. Winder resided at the time he took part in the battle of Bladensburg.

Further down on the right bank of the river is Handy Hall, the old homestead of the Handy family of Somerset County.

Opposite is Shad Point which was for many years the head of steamboat navigation for the Wicomico river, where the people of Somerset and Worcester counties for many years took passage to Baltimore. This place lies at the mouth of Toney Tank Creek, once called by the indians Tundo Tunk—Indian Town—and is so described in some of the original land papers in Somerset County.

Further down, about eight miles below Salisbury, on the left bank of the river,

is the old Judge Polk farm, on which the dwelling is still standing and in a good state of preservation. In this house Col. James Polk was born, one hundred years ago. He was for many years Register of Wills for Somerset county, and during the administration of President James K. Polk, he was collector of the port of Baltimore. His sister, Ann Polk Johnson, was also born in this house. She was the wife of Judge Henschel V. Johnson of Georgia, who ran for Vice President on the S. A. Douglass ticket in 1860.

One mile further down, on the same side of the river, in the Trappe district, is the location where an old frame house with a brick gable stood fifty years ago—in which the writer ate dinner in 1838. In this house on the 17th day of April, 1741, Samuel Chase, one of the signers of the Declaration of Independence, was born.

Three miles further down, on the right bank of the river, stands old Green Hill Church, where the father of Judge Chase was rector at the time of his birth. This Church was built in 1733 of brick brought from England, in colonial times. This Church is the Mother Church of Stepney Parish, which once contained Somerset, part of Worcester and Dorchester counties, Maryland, and the lower part of Sussex county, Delaware.

Just across the river from the Church is a large meadow called Newman's meadow, which was patented to Peter Newman, who was the descendant of Tim, the New-man, who was the first indian naturalized in Somerset county. When asked his name, he said it was "Tim," and that was all of it. The clerk entered him as "Tim, the new-

man." His name was afterwards written Thomas Newman, and his descendants have since become a numerous family in the State. Tim's wife was a Scotch lady. and said to have been handsome.

Three miles down the river is White House, in the vicinity of which many distinguished men were born, among whom were Hon. George Dennis, U.S.S., Hon. Isaac D. Jones, late Att'y General of Maryland, with many others; but from want of space 1 shall have to conclude. FORESTER.

#### Best Honey Package.

Those who pay twenty-five cents for a tumbler of honey indeed pay high for their whistle. I use the one quart Mason fruit jar which holds a plump three pounds. It is a standard article all over the country and every housekeeper uses them.

We sell the honey at ten cents per pound, adding the retail cost of the jar, so that a customer who buys a dozen jars in the course of time gets them at the same price as if bought all at once for fruit.

Those who have plenty of jars can bring the first one back and get another full one at only the price of the honey.

In case the purchaser fails to bring back the jar when the order for honey is filled, it has been paid for and no accounts to keep.

If the honey yield was invariably good and a large quantity sure every year, extracted honey would pay at six cents, but we can count on but little more than two good years out of five.

first class No. 1 honey for thirty cents, with the privilege of returning the package for more, ought to meet the demand for a popular package.

It would take only a short time to overstock any family wi.h tumblers at twenty five cents each.

But over and above all questions of package are those of full weight and first class quality. Every package should be labled with the producer's name and the kind of honey, and then be sure there is full weight; an ounce or two over won't hurt, for many patrons have a trick of testing their purchases.

#### Money Easy Made.

H. F. DELNO & Co.,

Columbus, Ohio,

DEAR SIR :- I bought a Lightning Plater from your agent, Mr. Morrison and made \$45 in two weeks, plating watches, jewelry, table-ware, etc. I get all the work I can do. I have sold two platers. Enclosed find \$10, agent's price for them. Ship by first express. I want the agency for one county.

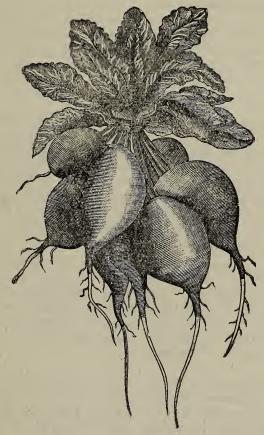
Yours truly, JOHN MURRAY. Write above firm for circulars.

#### A New Way to Raise Radishes.

For three winters past we have tried the plan of growing radishes in the greenhouse by transplanting. One would hardly think that it would pay to transplant them, but after repeated trials we have found it to have some advantages over the common way, for the following reason: First, there is a saving in time from a week to ten days. Our plan is this way: When we know that a green-It seems to me that three pounds of house bench which can be used for radish

growing will be cleared in a week or so, we plant the seeds in flats, or shallow boxes, and keep them growing until the bench is cleared, and than set them out in the soil of the bench, and then we have a growing crop, for the transplant-

Second, a more even stand can be secured, barring the damping off; but as they have passed through part of their tender period, and vacancies can be filled, this danger is reduced. This plan requires some extra labor but it does not ing at so young an age hardly seems to incur the bad results of the common way



RADISHES.

I think that it is best to crowd the plants ing. When we sow seed it is policy to along so as to have them ready in about sow enough, but when it comes up thinten days, but they can be held longer if ning out is very often left undone, and a put in a cool place.

check the plants if it is properly done. of sowing them, one of which is crowdthorough thinning is what radishes need,

for they will not stand crowding in the factories, etc., is now being greatly inwinter; each plant wants sunlight for itself without sharing it with another standing almost on the same spot.

One thing must be remembered, and that is you cannot transplant the long varieties of radishes, but only the round ones. The long ones will grow crooked and ill-shapen unless extra care is taken, and the plant, even of the round varieties, will show a difference in the tap-root. But as there are so many good kinds of round ones we can wait until summer to raise the long ones.—E. C. G. in Vick.

#### Weather Forcasts.

On July 1, 1891, in accordance with the Act of Congress, the Weather Bureau was transferred from the War Department to the Department of Agriculture.

Only eight months have passed since that time, and yet the Bureau has been entirely reorganized and its efficiency greatly extended.

In addition to nearly 200 official stations for observation, sending out and displaying the weather forecasts, there are now nearly 3,000 voluntary stations distributed in all parts of our vast territory, and which number is constantly increasing.

The Secretary of Agriculture and the Chief of the Weather Bureau particularly desire to have the weather forecasts of still greater usefulness to the farmer. To this end, and in hearty co-operation with a number of farmers' organizations that have made special requests for the service, the number of stations for the display of the weather forecasts, the sounding of steam-whistles by mills and

creased.

By the use of the telegraph and telephone the "Probabilities" will ere long reach a very large majority of the population of the entire country from 24 to 36 hours ahead of the coming changes for better or for worse.

Farmers are thus availing themselves of modern improvements, the intelligent concerted use of which must result in hastening the brighter day for agriculture that now seems so close at hand.

THE farmer who is never interested in improved methods is the one to complain that "farming don't pay." It never will nor should pay a man who fights against progress, and no human pursuit needs and deserves improvements as much as farming, and dairying is one of its chief interests.

It is said that Daniel Webster was the first editor of the first College paper published in this country, the initial number appearing at Dartmouth in 1880. These journals now number 190 in the United States, while but one is issued in England.

An agricultural editor says that the best article he ever saw on milk was Some city people think that the article was not very widely copied.

Thirteen tons of postage stamps are said to have been sold in New York city last year.

For a disordered Liver try BEECHAM'S PILLS

Entered as second class matter at Baltimore, Md.

----- THE >----

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#### ANNOUNCEMENT.

Beginning with the June issue our Magazine will pass into the ownership and control of an Incorporated Stock Company, which will make improvements and carry forward the interests of the journal to an extent that no private individual is capable of doing.

we will state that ample means will be provided and no expense spared to present to our readers the latest and best agricultural news and improvements.

#### FERTILIZERS.

Perhaps no subject is of greater importance to-day than that of fertilizers. From mismanagement, from lack of knowledge, or from a mistaken idea of their value, hundreds of farms are now fast becoming worthless, and are on the highway to that large class known as "abandoned farms."

In all parts of our country, not only in New England, many farms are already abandoned; and it is a very common thing to hear that this field or that field is past producing corn, or some other of the common crops.

Very intelligent farmers do not seem to realize that they have half the sources for enriching their lands, which actually exists upon every farm. It is hard, too, to make them realize it; for, even when it is pointed out to them they will shake their heads in an incredulous manner.

A fertilizer is anything which can be added to the land to increase its productiveness. It is not necessarily any chemical compound manipulated and sold for enough more than its actual value to enrich the dealer; but it consists also of chemical elements lying around in some shape all over the farm, which if properly While not making any promises, brought into use, will enrich the farmer instead of some third party or interfering with the desired amount enterprising middleman.

Enough can hardly be said to arouse the farmer to observe the sources of manure and to enable him to improve the land in the most economical manner. A great field is opened here for thoughtful study. A large number of farmers, having caught a smattering of chemical and scientific terms, have been carried away with the repetition of words until it is very easy to impose upon them. They buy commercial fertilizers supposing there must be some magical influence in the infinitesimal portions of potash, phosphoric acid, nitrogen, or ammonia, which they may contain. Often it is money buried in the ground without return, the magic having sadly failed to show itself.

There are too many scientific and chemical humbugs in connexion with agriculture.

Study of what fertilizers the farm can produce will be a very healthful subject. It will be a very profitable subject in the way of dollars and cents saved.

Most farms have some mud hole. some swampy places, some muck, or marle, or peat.

Most farms have woodland where a goodly quantity of forest leaves may be gathered every fall. Even Pine shatters will make a rich compost.

Most farms can supply fields in alternation where green crops may

of regular crops.

Most farms can have portions fenced off upon which sheep may be successfully pastured, and while enriching the land become a source of revenue

Most farms can have facilities for saving all the droppings of chickens and preparing them for use on crops. This fertilizer is quite as useful as any chemical compound.

Most farms can have the wood ashes carefully stored out of the rain and finally mingled with soil so as not to hurt any seed or plant.

Most farms can secure all the value there is in house slops and it is astonishing the number of tons of richest materials which can be had from this source.

Most farms can save the liquid as well as the solid fertilizers dropped by the horses, cattle and hogs.

Most farms can prevent the richness of the land escaping, by sending the hay, grain, and other valuable products, to market on the hoof.

But is it necessary to call to mind any other sources which almost every farm will supply? Thought and study will do as much in this direction as any words of ours can do, and perhaps more.

During this whole summer keep a thoughtful observation on this subject and wherever the opportunity offers gather in whatever will make the land richer, better, more productive.

In reality there is not a particle of be grown and turned down, without need of having any worn-out land on

any of our farms. Management will bring every field into a high state of cultivation and keep it there. The best management will produce the best farms, the richest lands, the most profitable crops. This, too, with the least amount of any fertilizers not to be found on the farm, or not produced there.

None of us can measure the waste of fertilizers on every farm. The atmosphere is full of it and the earth cries aloud for it, and yet the waste continues.

#### FARMING.

This is the expressive title of a large and comprehensive pamphlet by T. R. Crane, in which he sets forth the best methods of successful farming as practiced on his own extensive farm of Mantua, Va., and as advocated by different prominent and successful agriculturists in many other sections of our country.

The work itself is worthy of the reading and serious study of farmers everywhere, and well worth the small sum of twenty-five cents asked for it. We will mail it from this office without extra cost.

Mr. Crane is the inventor of an implement which with a single team and driver and at one operation does the work of four or five different implements, teams and drivers and as many different operations. A company has been formed to manufacture it and place it on the market. It will revolutionize farming.

#### THE ROAD NAMING.

The Ten Block system of naming country roads and numbering country houses now in force in Contra Costa County, California, has very many advantages and should be adopted all through the land.

From a central point (the county C. H.) let the road system be projected, and each block have its number, and each house in that block its letter. In this way every house can be reached without difficulty, and the distances can be computed within a fraction of a block.

The distances, also, are measured on the surface of the roads, so that the actual miles travelled are known—not the distance on straight lines.

The Post Office delivery system by this means when extended to the farming community (and this is sure to come) will be made an easy and certain proceeding.

When we meditate on this subject, it seems to us a wonder that this method has not already been adopted. It is so evidently a necessary step in the progress of the country, and will add so immensely to the value of every farm by giving its true locality and the best methods of reaching it.

At present we go into a locality to find some farm, and it takes half a day to discover it after we have reached its neighborhood unless we know the popular name of the place and the name of the present tenant. With the Ten Block system of numbering the houses and naming the country roads, any place is reached without a er like a pair of pinchers. Make a moment spent uselessly.

hoop—of hoop-iron—adapted to drop

Everything which gives easier access to property adds to its value, attracts attention, invites capital and makes a generally favorable impression. This Ten Block system accomplishes this in a large degree.

#### ANTI-OPTION BILL.

The Hon. Mr. Hatch, chairman of the House Committee on Agriculture, has introduced a bill virtually prohibiting the dealing in options and futures of stock and agricultural products.

This bill has the very general united support of the farmers of the country, and we think it has that support for very good reasons. The dealing of speculators in futures is the worst species of gambling, in that it interferes with the legitmate prices of farm products and throws them open to the wildest extravagances of the unprincipled.

Congress prohibits other species of gambling, such as lotteries, which are comparatively mild in their evil effect, and we cannot see any reason for allowing this mammoth gambling in options.

#### Useful.

Take two stiff, smooth barrel staves and nail one end of each to a block of wood four or five mehes square, the staves' concave sides facing each other, allowing the upper ends to come together like a pair of pinchers. Make a hoop—of hoop-iron — adapted to drop over and hold together firmly the joined ends of the staves, and you will have a cheap, stout, and serviceable clamp to be used in mending harness and doing many other kinds of tinkering.

For the Maryland Farmer.

#### CORN CULTURE.

BY T. R. CRANE.

Finding that I am down in your April number for an article on corn, I have concluded to present my views at once, as the time is upon us for planting that most important crop.

The late season will no doubt make farmers think their chances are being reduced for a full crop this year, on account of their inability to get their land in order as early as they would prefer for planting.

I do not think this will shorten their crop one bushel, provided they plow as the soil will justify, and then keep the cultivator going sufficiently often to insure a clean porous surface until the corn commences to tassel.

In my treatise just published on "How to Farm Successfully," this whole subject is presented in a perfectly clear manner, and for twenty five cents—in either money or stamps—I will gladly forward this book of over fifty 8vo. pages, to any of your numerous readers. I feel quite sure they will not regret the outlay, as the experience of some of the most successful farmers is given in addition to my own respecting this important subject. I will supplement this statement by getting you to publish an article I

wrote last January upon thepropriety of fall plowing for corn:

#### Fall or Spring Plowing.

I herewith give you my experience respecting fall and winter plowing for corn; and I say, don't do it, if you wish to make a crop equal to the capacity of the land, whether the land is in sod or not, or whether it is heavy or light soil.

Now for facts.

I purchased the "Cowpens farm" in lime kiln bottom near Towson, Baltimore County, Maryland, in 1854. I put out a field of thirty three acres to Thomas Crawley that fall to plant and cultivate in corn the following Spring.

Mr. Crawley plowed about one fourth of the field in the fall previous to freezing weather, and the balance of the field was plowed in the spring after the sun had sufficient power to warm the sod.

All this field was cultivated in exactly the same manner, and was of uniform fertility.

The crop produced was 400 bbls. (2000 bus.) of good corn; but the yield was perceptibly less upon the land that hod been plowed in the fall, fully one third less.

That was my first experience. A period of thirty six years brings me to my second experience in fall plowing which was upon my farm Mantua, in Virginia.

In the fall of 1890 I plowed a portion of a 50 acre field, a heavy timethy and clover sod. In the Spring this piece of field was put in the best possible mechanical condition for planting, and the corn planted, and a good stand apparently procured. I found its growth to be very slow, and when too late for replanting I realized that a species of worm, called in

our locality "bud worm," had eaten the heart entirely out of the stalk.

The crop was a failure, on land that was fertile enough with proper cultivation to have produced ten bbls. (50 bus.) of corn per acre.

My neighbor plowed a field in the fall of 1890, and his crop of corn was nearly a failure.

Now this in comparison with spring plowing.

I had sixty acres plowed last spring after the sun had been shedding his heat upon the surface sod sufficiently to start the young grass growing vigorously. This sod was thoroughly inverted, the land put in the best condition for planting as promptly as possible, and the corn planted. The corn came up promptly, was well cultivated, the cultivation being shallow and level, and repeated often enough to prevent a crust from forming upon the surface, until the corn began to tassel.

The result in this instance was nearly 700 bbls. of corn from the 60 acres, and upon land no better than that which was plowed in the fall, and where the crop was a failure.

What is essential in the production of corn is heat, fertility, moisture, and clean shallow cultivation from 2 to 3 inches deep according to the texture of the soil.

Land plowed in the fall or winter unless it should freeze hard immediately following the plowing, is likely to settle too solidly from the frequent fall rains to cause the frost to have the beneficial effect claimed for it by the advocates of fall plowing.

Then again the insects are not destroyed by this turning the sod down, as the sod does not decay to the extent of entire decomposition while winter, or cold weather continues, and the worms and insects have all the food necessary to perpetuate their existence until after the heat of the sun has penetrated and caused the decomposition of the vegetable matter which was turned down. By this time the corn has been planted, and has started to grow, but because of the cold, clammy sub seed bed not being best suited to its growth, it grows but slowly and becomes the prey of these voracious gourmands, as there is nothing else for them to feed upon, (provided the land has been properly prepared previous to planting the corn.)

By turning the sod in the spring after the heat has started the grass to grow, and immediately putting the land in order, planting the crop promptly, and rolling to insure prompt germination and quick growth, then following with proper cultivation so as to give all the strength of the soil in its best form to the plant, and attract and hold the fertility from the atmosphere, and heat from the sun, it will be found that owing to the uniform congenial temperature of the entire seed bed which is so essential to the healthy growth of corn, that the corn will grow out of the reach of the usual depredators before the food contained in the sod so recently turned down has become decomposed.

This from my experience is the most certain way to make a crop of corn. If any of your readers have a better and surer plan I would be very much obliged to them if they will kindly let us hear through your Journal what their plan may be. Let us do what we may towards helping each other.

#### On Eggs.

A gentleman in the far West who has devoted his whole life to the pursuit of hens and knowledge, has been making some remarkable experiments, and now claims to be on the very threshold of success. He has given the world the startling fact that he has been able to flavor e by the administering of certain essences to the fowls. He has produced, we do not vouch for it ourselves, a full flavored vanilla egg by simpy feeding his fowls the vanilla bean.

This is but a link in the golden chain of discovery, and the people have a right to expect that the guileless genius in the West will soon have his hens educated to lay eggs with appropriate mottos for the different holidays. A star spangled egg with "A Frantic Fourth" would do for one holiday, and one with "A Merry Xmas," or "Easter is here," for yet other feast days.

When the hens had gotton thus far the inscription "What is home without a baby," "Keep off the grass," "Walk your horses," "Post no bills, "etc., would come easy to the trained flock.

The most practical use for the consumers would come, when the hens were taught to carefully date each egg, thus ruling out the very existence of the tired egg.—Mail.

#### Electric Belt Free.

To introduce it and obtain agents the undersigned firm will give away a few of their \$5.00 German Electric Belts invented by Prof. Van der Weyde, Pres. of the New York Electric Society (U. S. Pat. 527,647) a positive cure for nervous Debility, Rheumatism, Loss of power, &c. Abdress at once Electric Agency, P. O. Box 178, Brooklyn, N. Y.



### THE OLD GATE.

I open the way to the meadow grass, Where loveliest flowers are born, And the loitering cattle slowly pass, At eventide or morn.

In summer days the children come,
To search for berries there,
The bees go by with droning hum,
And the butterflies are fair.

The wild birds pause awhile to rest
And sing their sweetest song,
The moon hangs fair in the distant west,
And the twilight shades grow long.

I open the way to the meadow grass, Alike in the sun or shower, The loitering cattle slowly pass, At morn or evening hour.

### WHO'S A FOOL?

\* please don't. You know how much I have done for you, and your father has tried hard, too."

"Oh, you've done enough," returned the young man, petulantly; but it's no use talking, mother, I'm off this time, sure. I'm tired to death of this humdrum life. I've got to get out and see the world and be somebody," and he stamped on the kitchen floor as he said it. "I don't want to be a farmer, and there's no use trying to force me to it. Now, mother, you needn't cry. It won't do any good. I'm going, and I'll get a good chance to learn and

OW, DON'T GO, WILSON,

"You may not live to see me even once more. You don't think of the dangers."

soon be a good engineer, and I'll run

down to see you often," he added as he

glanced at his mother's face.

"There now, mother, you needn't read that chapter to me again. I know it all by heart. Heard it till I'm sick of it. I'm not certain that I'll live always, of course, but don't get scared before you're hurt. I can't be killed but once, even if the worst comes. Good by!" and he hurriedly kissed his mother and turned from her sorrowful face to more attractive scenes.

Mrs. Stuart went about her work that forenoon with many a sigh. Her heart was heavy, and at times the scalding tears flowed in spite of her efforts to restrain them, and she could not work.

At dinner she broke down entirely, and as soon as the others had begun eating, left the room.

"I s'pose Wilson's been talkin' about bein' engineer again, has he?" asked Mr. Stuart, half an hour later.

"It's more than talk this time, father, he's gone."

"Gone where?"

"Why, gone to D—— to begin."

"Tut, tut! he can't run an engine! Who'd give him an engine to run? He didn't tell me anything about it this morning. You needn't be scared. He's just gone to town and will be back some time in the night, like common."

"No, father, he's gone. Didn't he see you before he left? Oh, dear! I fixed his clothes, but he wouldn't take anything, hardly," and then the poor woman broke out afresh.

"Well, well," said Stuart, testily, "if that's the way he's goin' to act after all's been done for him, let him go." He wanted to say more, but out of deference to his wife's feelings restrained himself. 'He'll be back in the morning though, you'll see," and he went to his work.

That was a long afternoon at the farm. The next day came, and the next, and dragged their weary hours away, and Mr. Stuart was obliged to give it up. His boy was gone.

Three days later two men walked leisurely along the streets of a large city. They were just leaving one of the great railway centers, and were talking earnestly. One of them, of massive build, bright, piercing eyes and resolute manner, appeared to lead the conversation.

"Yes," he said, "it's lucky for you that you ran across me or you wouldn't have got to see what you've seen this mornin'. By yerself, now, ye wouldn't have found out much in the shops nur round houses, and like as not wouldn't have been seen at all in the offices."

"I'm ever so much obliged to you for your kindness in going with me," replied the other. "I shall never forget the interest you have taken in me, and the freedom with which you answered my questions and showed me the engines, and even allowed me to ride a short distance with your 'Old Pet.' I'm sorry, though, that we can't see Mr. Rothermell right now," and the speaker faced about and stood looking at the shops and offices from which they had come, and listened to the ringing of bells and the screaming of whistles in the distance. He was fascinated with the scene before him and proud of the opportunity which the friendship of his companion had afforded to inspect in detail the works upon which he looked. So frank had been the manner of his new friend during the past thirty-six hours which they had been together, and so entertainingly had he recited to him many of his experiences on the road, in addition to the readiness with which he showed him the company's works and introduced him to the men, that the young man's confidence was completely won. "It will be all right, though, I am sure, from what you say," he went on, "and I can go on with you as soon as there is a vacancy. I hope that won't be long, for I'm on expenses

and must find some other work until then;" and he turned to follow his friend, who led the way into a small park where the two were soon seated. The older man seemed thoughtful awhile and then turning resolutely to the other, asked:

"What business did ye foller, Mr. Stuart, when ye was at home?"

The young man colored as he answered, reluctantly; "I was not in business. I—I was on a farm."

- "So? Is yer father a farmer?"
- "Yes, sir."
- "Own a farm, does he?"
- "Yes, sir."
- "A good one?
- "Well I don't know of many that are better."
  - "How many children does he have?"
  - "Three."
  - "You're the oldest?
- "No, sir; I have a married sister older than myself, and a little brother."
- "Ye'll 'scuse me askin' so much, Mr. Stuart, when ye remember that I've been answerin' yer questions fer two days."
  - "Oh, certainly."
- "How much of a farm does yer father have?"
  - "A hundred and fifty acres."
- "Takes lots of interest in the farm, don't the old gentleman?"
  - "Well, I should say."
  - "Works hard airly and late?"
- "Yes, sir, but not like he did before he made the last payment. Still heworks hard enough."
- "Does yer brother-in-law live on the farm?"
- "He lives on a little place adjoining, and works part of the farm."
- "Is there land enough fer all ye to work?"

"Well, nearly. Plenty to rent, though, near by."

The old man's eyes flashed as he brought his powerful fist down on the seat they occupied, and /exclaimed: "Stuart, yer a blasted fool!"

"What on earth do you mean?" asked the young man, springing up.

"Don't be scart. We're good friends, ye know. Set down an' I'll tell ye what I mean. Mr. Stuart, I've been about the country a good deal. I'm acquainted with men of all professions and no professions. I like my work as well as any man that lives, but I tell ye yer goin' to head in on a blind siden' when ye leave that farm to be an engineer. Don't ye tell me farmin's not a business. It's the oldest business on the face of the airth. It's independent. Ye don't know why I'm off these two days, do ye? because there's three men for every place on the road, an' we can't work all the Ye wouldn't stand it fer somebody to come to ve and say: 'Lay off; we're on a strike; somebody's got a grudge and ye've got to quit awhile to spite some feller.' Stuart, I have to do that, fer we all stick together, ye know. And ye want to leave a good farm, and friends, and independence; and yer father, who's worked and toiled fer that homestead an' jist got it ready for ye to take hold and make money right; and yer mother, who's cryin' her eyes out this minute for the sight of ye; and ye want to come here and be a servant. What in thunder d'ye mean? Hain't ye got a bit of sense? I tell ye yer a blasted fool! There, I don't mean to be rough on ye, boy. I can git ye a place on the road and I'll do a man's part by ye, fer ye've got pluck, of ye air on the wrong track.

But I say fer yer own good. Stuart. go back to that farm an' be the best farmer in the country. Ye can do it, an' my word fer it, ye'll never regret it."

"Mother," said Wilson Stuart, as they sat in their pleasant home a year later, "I have always been glad that 'Honest Tom,' the engineer, told me that I was a fool and made me see it."—Chicago Journal.

#### The Farm House.

Now for the house itself, don't be ambitious for a big or fine house.

If your means are small let your house be small also; and unpretending, as all country houses ought to be, but let it be neat.

If you cannot afford paint, or your house is too rough for paint, you can give it a coat of whitewash; you can plant about it vines, the hop, the Virginia creeper or the grape, and in a few years your rough and humble cottage has become a beautiful bower.

In the house you want no rooms too good to use, no parlor kept carefully locked up and entered only on rare occasions.

Use the best room yourself, make it cheerful and occupy it cheerfully; read there, sew there, play there, receive your friends and enjoy life there.

When your father or brother comes in wet and weary let him leave his muddy boots and his wet coat in the outside kitchen; let him come into the sitting room to his evening's reading or music or conversation, leaving the roughness of of the farm life behind him. There is absolutely no reason why the farmer's

family should not enjoy life at home, and refined and intellectual life, as much as any city family; all they have to do is to put out their hands and grasp it.

I have put down the chief refiners at home to be books, music and social intercourse, etc. I believe they are.

Books, and good books, must be provided first of all, not only for amusement but for learning.

There is absolutely no reason why the farmer should not be a learned man.

Do you say you cannot afford the money to buy books, nor the time to read them?

I say you cannot afford to go without them or leave them unread. You can no longer keep up with the times without study. Brains will beat muscle at farming just as surely as they do in science, in politics and in war. It is intellect that wins; muscle is a mere slave nowadays. Intelligent labor will carry away all the prizes from ignorant toil, and by reading and meditation you may become intelligent.—Ben Perley Poore.

#### Macaroni and Cheese.

Break macaroni into pieces about five inches long, taking as many as can be held in the hand.

Put them into boiling water, with a teaspoonful of salt, and boil ten minutes; then drain off the water and add two cups of milk; boil till it is tender (about a quarter of an hour) when the milk will be boiled down to about a cup.

Work a lump of butter the size of an egg into a dessertspoonful of flour; add a heaping tablespoonful of cheese crumbs, a small half-teaspoonful of mustard, a little pepper; when mixed, stir into the

milk and macaroni; let it boil until it has thickened; take it off the fire and add a beaten egg.

Put one third of the mixture into an oval dish, then some cheese crumbs, and cracker and bread crumbs and so on until the dish is full. Lay some pieces of butter on top of all; put in the oven and bake ten minutes.

The top should be a nice brown.

#### KEEP.

Keep to the right as the law directs. Keep from the world thy friends' defects. Keep all thy thoughts on purest themes. Keep from thy eyes the motes and beams. Keep true thy deeds. Thy honor bright. Keep firm thy faith in God and right. Keep free from every sin and stain. Keep from the ways that bring thee pain. Keep free thy tongue from words of ill. Keep right thy aim, and good thy will. Keep all thy acts from passion free. Keep strong in hope, no envy see. Keep watchful care o'er tongue and hand. Keep firm thy feet, by justice stand. Keep true thy word, a sacred thing. Keep from the snares the tempters bring Keep faith with each you call a friend Keep full in view the final end. Keep from all hate and malice free. Keep firm thy courage, bold and strong. Keep up the right and down the wrong. Keep well the words of wisdom's school. Keep warm by night and by day keep cool.

#### Preparing Old Potatoes.

Old potatoes can be made more relishable, if, after being pared, and either steamed or boiled, they are put in the oven and baked until brown. If they are placed

in the pan where the beef is roasting, and some of the drippings dipped over them, they may then be left to brown. Another way which we like occasionally is to boil and drain them and then make a nice cream or milk gravy, thickening it a trifle, as for new potatoes.

"I never could get anything out of a calf's tongue, anyway," retorted the old lady to the post office clerk who had told her to lick her own stamps.

When the Mica in your stove grows black take it out and soak in vinegar for a little while. Then rub it well and it will be as transparent as when new.

A teaspoonful of pulverized alum mixed with your stove polish will add wonderfully to the luster of the stove.





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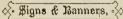
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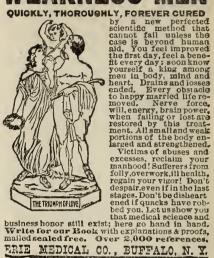


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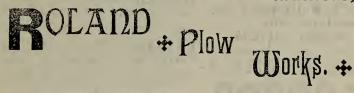
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Note -Before inserting an advertisement like the following The Irish World always investigates, as far as possible, all about the enterprise, its promoters, its prospects of success, etc., etc. And in this particular case we have the following from a thoroughly reliable man on the spot, who, we believe, knows all about the enterprise and its promoters;-

"I believe investors would do well to invest with the Tawood Company, for it will be only a short time until the land owned by said company will be very valuable. Those indorsements are all genuine. Having noticed how real estate has enhanced in value around Portland, I have no hesitation in reporting favorable on the question submitted to me. There is small chance of purchasers losing anything, and there is every reason why they will realize a large profit."

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Can be seen at this office. Price 5.00. We have a few on hand which we will sell at \$2.50 each. Our stock is limited so call or send at once.

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It will be sent to any address—postpaid—on receipt of the price, One Dollar, or on the remarkably liberal terms stated above.

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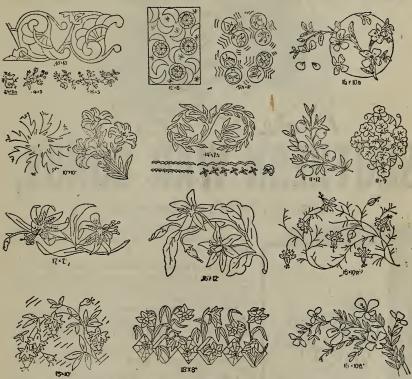
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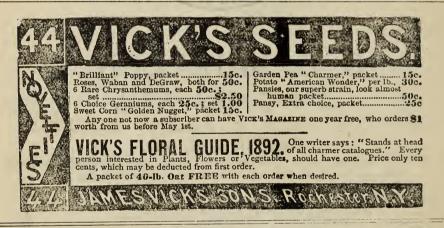
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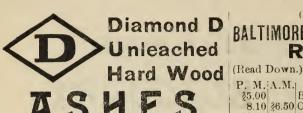
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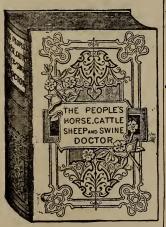
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